THE

TRANSACTIONS

OF THE

ROYAL ENTOMOLOGICAL SOCIETY

OF

LONDON

VOL. 106

LONDON :

PUBLISHED BY THE SOCIETY AND

SOLD AT ITS ROOMS, 41, QUEEN'S GATE, S.W.7

1955

PRINTED IN GREAT BRITAIN BY
ADLARD AND SON, LIMITED,
BARTHOLOMEW PRESS,
DORKING, SURREY.

CONTENTS

PAGE

Coombs, C. W., F.R.E.S., and Woodroffe, G. E., F.R.E.S. A revision of the British species of *Cryptophagus* (Herbst) (Coleoptera : Cryptophagidae) . . . 237

Crosskey, R. W., B.Sc., F.R.E.S., and Crosskey, M. E., B.Sc., F.R.E.S. The horse-flies (Diptera : Tabanidae) of Nigeria and the British Cameroons 341

Downes, J. A., B.Sc., F.R.E.S. Observations on the swarming flight and mating of *Culicoides* (Diptera : Ceratopogonidae) 213

Downes, J. A., B.Sc., F.R.E.S. The food habits and description of *Atrichopogon pollinivorus* sp.n. (Diptera : Ceratopogonidae) 439

Higgins, L. G., M.A., F.R.C.S., F.R.E.S. A descriptive catalogue of the genus *Mellicta* Billberg (Lepidoptera : Nymphalidae) and its species, with supplementary notes on the genera *Melitaea* and *Euphydryas* 1

Hinton, H. E., Ph.D., F.R.E.S. On the Structure, Function, and Distribution of the Prolegs of the Panorpoidea, with a criticism of the Berlese-Imms Theory . . 455

Hussey, N. W., B.Sc., F.R.E.S. The life-histories of *Megastigmus spermotrophus* Wachtl (Hymenoptera : Chalcidoidea) and its principal parasite, with descriptions of the developmental stages 133

Lane, J., F.R.E.S. Neotropical *Mycetophila* Meigen excluding those of the Chilean Subregion 393

Long, D. B., M.A., Ph.D., F.R.E.S. Observations on sub-social behaviour in two species of Lepidopterous larvae, *Pieris brassicae* L., and *Plusia gamma* L. 421

Ragge, D. R., Ph.D., F.R.E.S. The Wing-Venation of the Order Phasmida . . . 375

Short, J. R. T., D.Phil., F.R.E.S. The Morphology of the Head of *Aeshna cyanea* (Müller) Odonata : Anisoptera) 197

Stroyan, H. L. G., M.A., F.R.E.S. Recent additions to the British Aphid fauna. Part II 283

Tottenham, The Rev. C. E., M.A., F.R.E.S. Studies in the genus *Philonthus* Stephens (Coleoptera : Staphylinidar)—Parts II, III, and IV 153